

ABSTRACT

The fading correlation monitor 103 detects an angle spread of the communication terminal apparatus 200-1 and decides whether the angle spread has a larger or smaller relationship with a preset threshold value. When the estimated angle spread is smaller than the threshold value, the interference wave is suppressed by carrying out directive reception which is carried out by an AAA receiver 106 as well as performing directive transmission which is carried out in a transmitting circuit 122. While, when the estimated angle spread is larger than the predetermined value, the distortion of the signals due to the fading is compensated by carrying out diversity receiving which is carried out in a diversity receiver 107 as well as performing diversity transmission which is carried out in a diversity transmitter 123. On account of this, even when the fading correlation is small, it is possible to carry out a radio communication with a satisfactory communication quality.